

Global Excel

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4–6 Feb 2025

Excel Power Tools for Analytics



Date: 6 Feb 2025

Time: 10:00–17:00 GMT

Format: In-Person



4	February	32.49%	31.99%
5	March	31.95%	31.98%
6	April	32.00%	31.98%
7	May	31.95%	31.98%
8	June	32.67%	32.09%
9	July	32.70%	32.20%
10	August	32.48%	32.24%
11	September	31.14%	32.12%
12	October	31.93%	32.11%
13	November	31.67%	32.07%
14	December	32.59%	32.14%
15	2012	32.17%	32.17%
16	2013	39.10%	39.10%
17	2014	41.43%	41.43%
18	2015	37.60%	37.60%
19	2016	39.72%	39.72%
20	Grand Total	37.79%	39.72%

Measure

Table name: bikeshop

Measure name: profit margin ly_ytd

Description:

Formula: Check formula

Formatting Options

Category: General

Format: Percentage

Use 1000 separator (,)

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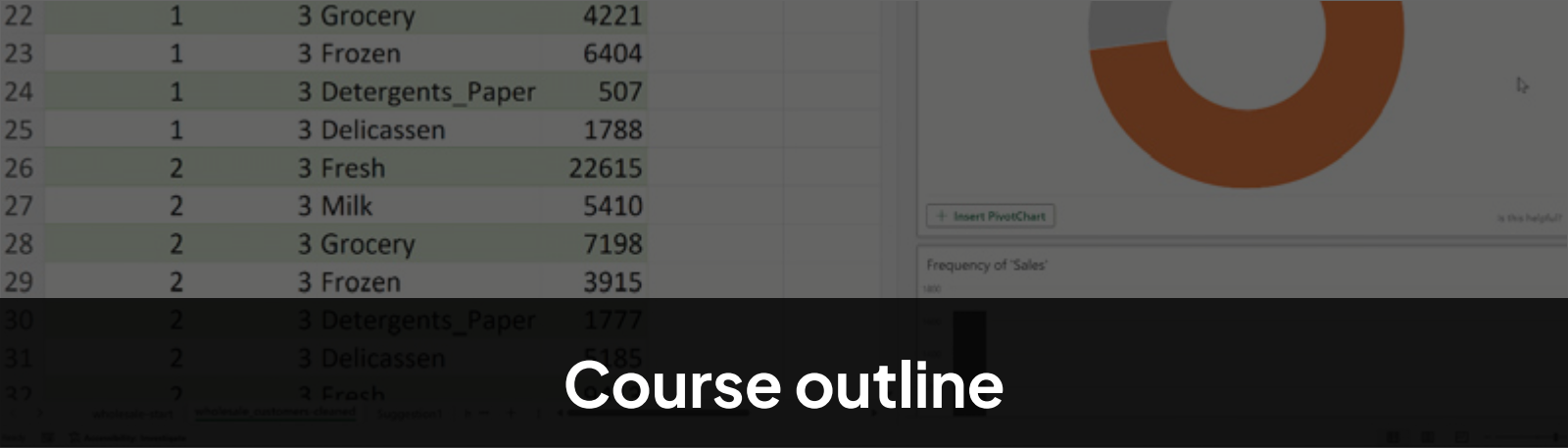
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Course outline

Course overview

Stay afloat with Excel's 'Power tools' and AI capabilities, as Microsoft MVP **George Mount** hosts this special in-depth 1-day Masterclass.

Excel continues to evolve in its capabilities for analytics and automation, offering an ever-expanding set of tools. This Masterclass explores some of the latest and greatest 'Power tools' for working with Excel.

First, we will delve into maximising the potential of AI tools for Excel, utilising resources available both inside and outside of Excel.

Next, we will take a deep dive into the integration of Python with Excel, exploring analyses and visualisations that would be challenging or impossible to achieve using Excel alone.

Finally, we will investigate Office Scripts, Power Automate, and other cloud-based tools to elevate your analytics and automation skills to new heights.

Learning outcomes

By the end of the Masterclass, each learner will learn:

- Explore current AI features in Excel for pattern recognition, forecasting, and natural language querying, among other capabilities.
- Learn how to generate sample data, troubleshoot formulas, and create reproducible examples using generative AI for Excel.
- Utilise Python within Excel to conduct time series analyses, create statistical plots, and more.
- Automate the creation of reports using Office Scripts.
- Develop shareable, multistep workflows for Excel with Power Automate.

Who is this course for?

This Masterclass is for professionals concerned about dedicating excessive time to routine, error-prone tasks and would prefer to use AI to automate these processes, rather than facing the risk of AI rendering their roles obsolete.

Additionally, professionals are uncertain about how the rise of AI affects their career paths — whether it necessitates evolving into more technical roles or stepping back from the technical aspects of their jobs, considering AI integration as a potentially insurmountable challenge.

This could be those in:



Accountants



Finance professionals



Operations teams



Everyone who uses Excel for data preparation and analysis on a daily basis



Course contents

Maximising AI Tools in Excel

- Introduction to AI Tools in Excel
- Overview of current AI features
- Practical applications of AI in Excel
- Pattern Recognition, Forecasting, and Natural Language Querying
- Generative AI for Excel
- Generating sample data
- Troubleshooting formulas
- Creating reproducible examples

Integrating Python with Excel

- Introduction to Python in Excel
- Understanding Python's role in modern Excel
- Benefits of Python integration
- Conducting Advanced Analyses with Python
- Time series analysis
- Statistical plots
- Creating Visualisations with Python
- Integrating Python visualisations in Excel

Leveraging Office Scripts and Power Automate

- Introduction to Office Scripts
- Automating report creation
- Basics of scripting
- Developing Shareable Workflows with Power Automate
- Building multistep workflows
- Practical examples and applications
- Cloud-Based Tools for Enhanced Analytics and Automation
- Overview of other useful cloud-based tools
- Integration with Excel

Every course ends with a live Q&A opportunity with the instructor

Training requirements

Attendees are expected to have some familiarity with intermediate Excel functionalities, such as **PivotTables**, or lookup functions like **VLOOKUP()** or **XLOOKUP()**.



Why choose our “Excel Power Tools for Analytics” course?

What you get?

- ✓ One-day in-person training with Microsoft MVP **George Mount**
- ✓ Claim up to 6 hours of CPD (Continuing Professional Development) hours/points
- ✓ Downloadable Excel Sheets
- ✓ Coffee, tea and biscuits throughout the day
- ✓ Certificate of attendance
- ✓ 100% money-back guarantee

What people say?



Time and time again confirms his deep insight into Excel... It's the analyst thinking which makes George an outstanding asset to any data driven organisation. Add the ease in personal relationships and good communication skills in the mix ... great performer.

Erik M
Controller



Clear, concise instruction that lead to major skill improvement in Excel without having to invest a significant amount of time..

Ashley B
Research Analyst



George is a great teacher. He is very personable and makes it so everything is easy to understand.

Sherry B
Business Analyst

About your trainer



Analytics author,
trainer and Microsoft MVP



George Mount



George Mount is the founder and CEO of Stringfest Analytics, a consulting firm specialising in analytics education and upskilling.



He has worked with leading bootcamps, learning platforms and practice organisations to help individuals excel at analytics.



George regularly blogs and speaks on data analysis, data education and workforce development and is the author of *Advancing into Analytics: From Excel to Python and R* (O'Reilly Media, 2021).

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